

**AMENDMENTS TO THE SEQUENCE LISTING**

**IN THE SEQUENCE LISTING**

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.


**REMARKS**

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file "2005-07-18 3691-0113PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The amendments to the specification and claims are made to identify each amino acid and nucleotide sequence with a unique sequence identifier number (SEQ ID NO). The Sequence Listing is amended to identify the present application by filing date and serial number. The Sequence Listing is further amended to correct minor formatting errors. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #47,874  
Gerald M. Murphy, Jr., #28,977

GMM/CAM/psq  
3691-0113PUS1

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments:

Disk Copy of Substitute Sequence Listing  
Paper Copy of Substitute Sequence Listing  
Copy of Notice